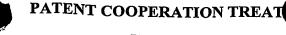
Translation





PCT

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter II of the Patent Cooperation Treaty)

29 APR 2005

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference			
NKK-206-PCT	FOR FURTHER	ACTION	See Form PCT/IPEA/416
International application No.	International filing	late (day/month/year)	
PCT/JP2003/013839			Priority date (day/month/year)
		003 (29.10.2003)	06 November 2002 (06.11.2002)
International Patent Classification (IPC) or no C09D 11/00, B41M 5/00, B41J 2	ational classification	and IPC	
5000 11700, B411V1 5/00, B411 2	./01		
Applicant	DONE 12 A 12		
NIP	PON KAYAKU	KABUSHIKI KAIS	HA
This report is the international preliminary examination report, established by this International Preliminary Examining Authority under Article 35 and transmitted to the applicant constitution of the			
Authority under Article 35 and transi	linary examination re	port, established by this	International Preliminary Examining
, , , , , , , , , , , , , , , , , , , ,	intiod to the applican	t according to Article 36) .
2. This REPORT consists of a total of	4 sheet	s including this cover of	age t
3. This report is also accompanied by A	NNEXES comprisin	a.	ieet.
1	<u>-</u>	_	
a. (sent to the applicant and t	to the International B	ureau) a total of 2	sheets, as follows:
sheets of the descri	iption, claims and/or	drawings which have be	en amended and are the basis of this report
and/or sheets conta	uning iccultations a	uthorized by this Author	rity (see Rule 70.16 and Section 607 of the
	a actions).		
sheets which super	sede earlier sheets, b	ut which this Authority	considers contain an amendment that goes
Supplemental Box.	are in the internation	at application as filed, a	s indicated in item 4 of Box No. I and the
b. (sent to the International	al Bureau only) a	total of (indicate type	e and number of electronic carrier(s))
readable form only, as indicated in the Supplemental Box Relating to Sequence Listing (see Section 802 of the Administrative Instructions).			
4. This report contains indications relation	ng to the following ite	ems:	
Box No. I Basis of the rep	Box No. I Basis of the report		
Box No. II Priority			
Box No. III Non-establishm	ent of opinion with re	gard to navalty im-	
	and industrial applicability		
Box No. V Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability;			
57			
Box No. VII Certain defects in the international application			
Box No. VIII Certain observations on the international application			
Date of submission of the demand			
		Date of completion of	this report
14 April 2004 (14.04.20	04)	25 Nove	ember 2004 (25.11.2004)
Name and mailing address of the IPEA/JP			,
and maining address of the IPEA/JP		Authorized officer	
Facsimile No.		Telephone No.	

INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY

Into onal application No.
PCT/JP2003/013839

Box No). I	Basis of the report	
1. With other	regard	d to the language, this report is based on the international application in the lan	nguage in which it was filed, unless
	This whic	report is based on translations from the original language into the following the is language of a translation furnished for the purpose of:	ng language,
		international search (under Rules 12.3 and 23.1(b))	
		publication of the international application (under Rule 12.4)	
		international preliminary examination (under Rules 55.2 and/or 55.3)	
		,	
	are not	d to the elements of the international application, this report is based on the receiving Office in response to an invitation under Article 14 are referred annexed to this report): International application as originally filed/furnished	(replacement sheets which have been ed to in this report as "originally filed"
$\overline{\boxtimes}$		escription:	
	pages	-	
	pages		, as originally filed/furnished
	pages'		
\square	the cla		
	pages		
	pages*	3-8	, as originally filed/furnished
	pages*	, as amended (tog	ether with any statement) under Article 19
	pages*	and the state of t	21 October 2004 (21.10.2004)
Г	the dra	awings:	
	pages	· · · · · · · · · · · · · · · · · · ·	
	pages*		, as originally filed/furnished
	pages*	received by this Authority on	
		received by this Authority on	
Ш	a seque	ence listing and/or any related table(s) - see Supplemental Box Relating to Sec	quence Listing.
3. 🔀	The an	nendments have resulted in the cancellation of:	
	t	the description, pages	
	⊠ t	he claims, Nos9	
	ti	he drawings, sheets/figs	
	☐ ti	he sequence listing (specify):	
	Π a	any table(s) related to sequence listing (specify):	
		(apecyy).	
	Rule 70 th the the the the the the the the the	port has been established as if (some of) the amendments annexed to this resince they have been considered to go beyond the disclosure as filed, as in 0.2(c)). The description, pages	port and listed below had not been indicated in the Supplemental Box
		es, some or all of those sheets may be marked "superseded."	_

atement			
Novelty (N)	Claims	1-8	YE:
	Claims		NO
Inventive step (IS)	Claims	1-8	YE
	Claims		МО
Industrial applicability (IA)	Claims	1-8	YE
	Claims		NO

2. Citations and explanations (Rule 70.7)

None of the documents cited in the ISR describes the inventions relating to claims 1-8, nor are these obvious to a person skilled in the art.

Therefore, the inventions relating to claims 1-8 appear to be novel and to involve an inventive step.

Box No. VI Certain documents cited

 Certain published documents (Rule 70.

Application No. Patent No.	Publication date (day/month/year)	Filing date (day/month/year)	Priority date (valid claim) (day/month/year)
JP 2002-348508 A	04.12.2002	28.05.2001	
[E, X]			
JP 2002-356632 A	13.12.2002	14.05.2001	29.03.2001
[E, X]			
JP 2003-261809 A	19.09.2003	28.01.2002	25.12.2001
[E, X]			

	i i		
2.	Non-written	disclosures	(Rule 70.9)

		Date of withen disclosure
Kind of non-written disclosure	Date of non-written disclosure	referring to non-written disclosure
	(day/month/year)	(day/month/year)